





SHEET 1 OF 1

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## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
TB	5 191 598		Bäckström et al.	03-02-1993
TB	5 583 886		Rohani et al.	12-10-1996
TB	5 822 380		Bottomley	10-13-1998
TB	6 069 884		Hayashi et al.	05-30-2000
TB	09/573,157		Nilsson	05-19-2000

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
TB	58077348		JP	05-10-1983	x	
	58087928		JP	05-25-1983	x	
	1218134		JP	08-31-1989	x	
	4150113		JP	05-22-1992	x	
	5300059		JP	11-12-1993	x	
	95 12927	A1	WO	05-11-1995	x	
	0 881 782	A2	EP	12-02-1998	x	
	09163053		JP(Abstract)	01-22-1999	x	
	0 955 741	A1	EP	11-10-1999	x	
	99 59263	A1	WO	11-18-1999	x	
TB	0 993 129	A2	EP	04-12-2000	x	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
TB	Proakis, John G., "Digital Signaling over a Bandwidth-Constrained Linear Filter Channel, 6.7.2 An Adaptive Channel Estimator", <i>Digital Communication, Second Edition</i> , 1989, pp. 624-627		
TB	"3 <sup>rd</sup> Generation Partnership Project (3GPP); Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD), 3 G TS 25.211 version 3.3.0, Release 1999, pages 2-42.		
TB	"3 <sup>rd</sup> Generation Partnership Project (3GPP); Technical Specification Group Radio Access Network; Physical layer procedures (FDD), 3 G TS 25.214 version 3.3.0, Release 1999, pages 2-44.		
Examiner Signature	/Tesfaldet Bocure/		Date Considered 08/03/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.